

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

**SMITH et al.**

Serial No. **09/662,462**

Filed: **September 15, 2000**

For: **NUCLEIC ACID PROBES AND METHODS FOR  
DETECTING CLINICALLY IMPORTANT FUNGAL  
PATHOGENS**



Atty. Ref.: **2551-49**

Group: **1655**

Examiner: **Goldberg**

**August 10, 2001**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

LETTER

The attached paper and computer readable copies of the Sequence  
Listing are the same. No new matter has been added.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "B. J. Sadoff", written over a horizontal line.

**B. J. Sadoff**

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Table:



3' tailing:

Species	SEQ ID NO	Sequence	Hybridization
C. albicans	SEQ ID NO 1	GTCTAAACTTACAACCAATT	-
C. albicans	SEQ ID NO 2	TGTCACACCAGATTATTACT	+
C. albicans	SEQ ID NO 3	TATCAACTTGTCACACCAGA	+
C. albicans	SEQ ID NO 33	TTGTCACACCAGATTATTACTT	+
C. albicans	SEQ ID NO 34	GGTTTATCAACTTGTCACACCAGA	-
C. albicans	SEQ ID NO 35	GGTATCAACTTGTCACACCAGATT	-
C. parapsilosis	SEQ ID NO 4	GTAGGCCTTCTATATGGG	+
C. parapsilosis	SEQ ID NO 5	TGCCAGAGATTAAACTCAAC	+
C. tropicalis	SEQ ID NO 6	GGTTATAACTAAACCAAACCT	+
C. tropicalis	SEQ ID NO 36	GGTTATAACTAAACCAAACCTTTT	-
C. kefir	SEQ ID NO 7	TTTTCCCTATGAACTACTTC	+
C. kefir	SEQ ID NO 8	AGAGCTCGTCTCTCCAGT	+
C. krusei	SEQ ID NO 9	GGAATATAGCATATAGTCGA	+
C. krusei	SEQ ID NO 37	GGAATATAGCATATAGTCGA	-
C. glabrata	SEQ ID NO 10	GAGCTCGGAGAGAGACATC	+
C. dubliniensis	SEQ ID NO 11	TAGTGGTATAAGGCGGAGAT	+
C. dubliniensis	SEQ ID NO 12	CTAAGGCGGTCTCTGGC	+
C. dubliniensis	SEQ ID NO 13	GTTTGTCTGGACAAACTT	+
C. dubliniensis	SEQ ID NO 38	GGTTTGTCTGGACAAACTT	-

5' tailing:

Species	SEQ ID NO	Sequence	Hybridization
C. albicans	SEQ ID NO 1	GTCTAAACTTACAACCAATT	-
C. albicans	SEQ ID NO 2	TGTCACACCAGATTATTACT	-
C. albicans	SEQ ID NO 3	TATCAACTTGTCACACCAGA	-
C. albicans	SEQ ID NO 33	TTGTCACACCAGATTATTACTT	-
C. albicans	SEQ ID NO 34	GGTTTATCAACTTGTCACACCAGA	+
C. albicans	SEQ ID NO 35	GGTATCAACTTGTCACACCAGATT	+
C. parapsilosis	SEQ ID NO 4	GTAGGCCTTCTATATGGG	-
C. parapsilosis	SEQ ID NO 5	TGCCAGAGATTAAACTCAAC	+
C. tropicalis	SEQ ID NO 6	GGTTATAACTAAACCAAACCT	-
C. tropicalis	SEQ ID NO 36	GGTTATAACTAAACCAAACCTTTT	+
C. kefir	SEQ ID NO 7	TTTTCCCTATGAACTACTTC	-
C. kefir	SEQ ID NO 8	AGAGCTCGTCTCTCCAGT	-
C. krusei	SEQ ID NO 9	GGAATATAGCATATAGTCGA	-
C. krusei	SEQ ID NO 37	GGAATATAGCATATAGTCGA	+
C. glabrata	SEQ ID NO 10	GAGCTCGGAGAGAGACATC	+
C. dubliniensis	SEQ ID NO 11	TAGTGGTATAAGGCGGAGAT	+
C. dubliniensis	SEQ ID NO 12	CTAAGGCGGTCTCTGGC	-
C. dubliniensis	SEQ ID NO 13	GTTTGTCTGGACAAACTT	-
C. dubliniensis	SEQ ID NO 38	GGTTTGTCTGGACAAACTT	+